

ABSTRACT OF THE DISCLOSURE

A brake lathe alignment system is provided for mounting a brake lathe upon an adapter attached to a wheel hub. A first structure is adapted to be attached to the wheel hub. A second structure is adapted to be attached to the brake lathe. A plurality of hydraulic pistons are carried by the second structure and engage the first structure, so that alignment of the second structure relative to the first structure is adjustable by extending and retracting the hydraulic pistons. The adjustment of position of the hydraulic pistons can be manually controlled on-the-fly by operation of manually actuated hydraulic pumps.